

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 7-2005)

ATTORNEY'S DOCKET NUMBER

ETF-0051

## TRANSMITTAL LETTER TO THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/594263

INTERNATIONAL APPLICATION NO.  
PCT/EP2005/050317INTERNATIONAL FILING DATE  
26 JANUARY 2005PRIORITY DATE CLAIMED  
26 MARCH 2004

## TITLE OF INVENTION

METHOD FOR PROTECTING A TUYERE ASSEMBLY AND A REFRACTORY LINING OF A FURNACE

## APPLICANT(S) FOR DO/EO/US

JACQUES PIRET ET AL.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV916617492US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/594263</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; margin-top: 10px;">PCT/EP2005/050317</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; margin-top: 10px;">ETF-0051</div>																																																			
23. Other items or information:																																																					
The following fees have been submitted: 24. <input checked="" type="checkbox"/> Basic national fee ..... \$300		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CALCULATIONS</th> <th style="width: 50%;">PTO USE</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">\$ 300.00</td> <td></td> </tr> </tbody> </table>	CALCULATIONS	PTO USE	\$ 300.00																																																
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<b>TOTAL OF 24, 25 and 26 =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: right;">\$ 900.00</td> <td></td> </tr> </tbody> </table>	\$ 900.00																																																		
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Total Sheets</th> <th style="width: 25%;">Extra Sheets</th> <th style="width: 25%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">- 100 =</td> <td style="text-align: center;">0 /50 =</td> <td style="text-align: center;">0</td> <td style="text-align: right;">x \$250.00</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">\$ 0.00</td> </tr> </tbody> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	- 100 =	0 /50 =	0	x \$250.00				\$ 0.00																																							
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IAP01 Rec'd PCT/PTO 26 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- b. ☒ Please charge my Deposit Account No. 06-1130 in the amount of \$ \$900.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1130. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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Bloomfield, CT 06002  
Telephone: 860-286-2929  
Customer No.: 23413

  
SIGNATURE

Daniel F. Drexler

NAME


47,535

REGISTRATION NUMBER

26 SEPT. 2006

DATE

10/594263

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): ROLAND DHONDT, ET AL. <span style="float: right;"><b>IAP01 Rec'd PCT/PTO 26 SEP 2006</b></span>			Docket No. ETF-0051	
Application No.	Filing Date	Examiner	Customer No. 23413	Group Art Unit
Invention: <b>METHOD FOR PROTECTING A TUYERE ASSEMBLY AND A REFRACTORY LINING OF A FURNACE</b>				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <b>Patent Application under 35 U.S.C. 371; Specification; Preliminary Amendment; Declaration/Power of Attorney; Recordation; Assignment; IDS: PTO 1449</b> </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center; margin-left: 100px;"> <u>26 SEPT. 2006</u>  <i>(Date)</i> </p> <div style="text-align: center; margin-top: 20px;"> <u>NANCY WILSON</u>  <i>(Typed or Printed Name of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin-top: 10px;">   <i>(Signature of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin-top: 10px;"> <u>EV916617492US</u>  <i>("Express Mail" Mailing Label Number)</i> </div>				
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>				